# Full HD Media Player

## User's Manual

Full HD 1080

This product has been engineered and manufactured to assure your personal safety. However, improper use can result in potential electric shock or fire hazards. In order not to defeat the safe-guards incorporated in this instrument and its accessories, please adhere to the following instructions when installing, operating and servicing.

## Power Source Warning

- A marking label attached on the rear side of the adapter (supplied) indicates the correct power source for this equipment. Operate this product only from an electrical outlet with the voltage and frequency indicated on the product label. Incorrect power source may result in a risk of electric shock or fire. If you are uncertain of the type of power supplied to your home, consult your local power company or appliance dealer.

- Only use the power cord and adapter provided by the manufacturer. Internal component may be damaged if you use a different adapter to power this product. To avoid electric shock and fire hazard, match the plug and outlet connections carefully, then fully insert. If the plug fails to fit the outlet, please contact an electrician to update your power outlets.

- Do not overload electrical outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock. And to prevent power cord damage, arrange all power cords so that people cannot walk on the cords. Do not place objects on the cords.

- Place this product in a location that is close enough to an electrical outlet and where the power cord is easily accessible to be disconnected from the wall outlet.

**Usage Warning**

- To reduce the risk of electric shock, do not remove the cover or attempt to disassemble this product. There are no user-serviceable parts inside. Please refer all servicing to qualified service personnel.

- Protect this product from foreign objects. Never push object of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock.

- Do not expose this product to liquids, rain or moisture.

- This product has ventilation openings that protect it from overheating. Never block or cover these openings. And do not place this product near heat sources such as radiators, heat registers, stoves or other products producing heat.

- Before cleaning or wiping this product, make sure your power cord is already unplugged from the electrical outlet. Only use damp cloth to clean this product, and never use a liquid cleaner or an aerosol cleaner.

- During a thunderstorm, or when this product is unused for long periods of time, unplug power cord from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

**Service Warning**

- Refer all servicing to qualified service personnel. For damage that requires service, please unplug your power cord from the AC outlet first, and contact your dealer or servicing personnel to obtain service for the following conditions.

- If there is damage to the adapter, power cord or plug.
- If liquid enters this product.
- If you drop this product, a heavy object falls on this product, or damage occurs to the cover of this product.
- If you expose this product to rain or water.
- If this product does not operate normally by following the operating instructions.
- If this product exhibits a distinct change in performance.

Caution

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

（1） This device may not cause harmful interference.

（2） This device must accept any interferences received, including interference that may cause undesired operation.


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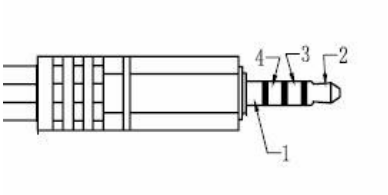
# 1 Introduction

## Package Content

Please make sure the following items are included within your new product package. If any item is missing or damaged, please contact your local distributor/dealer. The Product might not be compatible with some accessories made by other manufacturers. We highly recommend that you use only the specific accessories we suggest.

- Remote Control Unit with Battery
- AC Power Adaptor
- 3.5mm 1 to 3 RCA AV Cable
- Quick Installation Guide
- Compact Disc (User Manual Included)

Note: The specification of the 3.5mm 1 to 3 RCA AV Cable is below

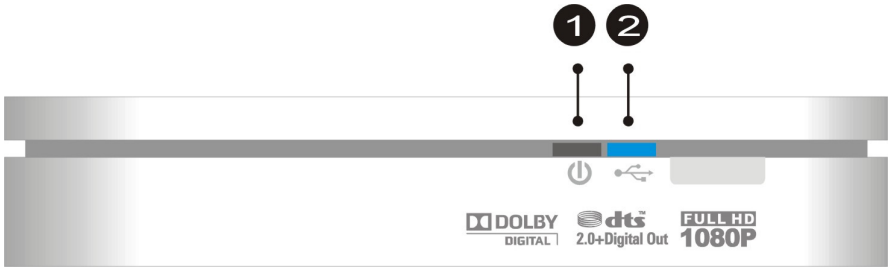



Pin 1: CVBS
Pin 2: Audio L
Pin 3: Audio R
Pin 4: GND

# Specification

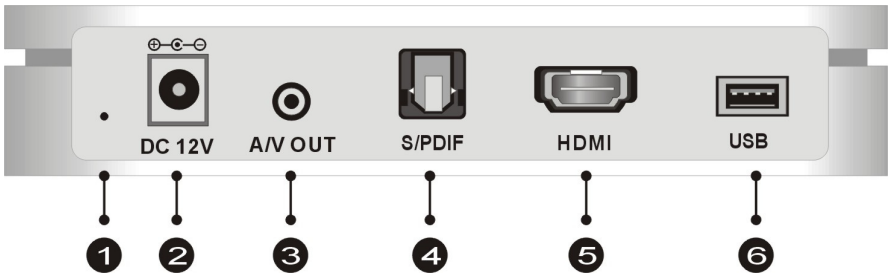
| | | |
|---|---|---|
| **Interfaces** | | |
| **Video Output** | HDMI、Composite Video (3.5mm Jack) | |
| **Audio Output** | Audio L/R (3.5mm Jack)、S/P DIF (Optical) | |
| **Data Transfer** | USB Port | |
| **General Specifications** | | |
| **Support Media Format** | Video | MPEG1 (AVI/MKV/TS/DAT/MPG/MPEG/VOB) |
| | | MPEG2 (MKV/DAT/MPG/MPEG/VOB/ISO/IFO/ TS/TP)/M2TS |
| | | MPEG4 (AVI/MP4/MKV/MOV/WMV/ASF) |
| | | DivX 3/4/5/6、DivX Plus HD、 Xvid (AVI/MKV/MP4/MOV) |
| | | H.264/AVC (TS/AVI/MP4/MKV/MOV/FLV)/M2TS |
| | | VC-1 (TS/AVI/ASF/WMV)/M2TS |
| | | WMV9 (ASF/WMV) |
| | | AVS (MP4/MOV/TS) |
| | | Real Video 8/9/10 (RM/RMVB) |
| | Audio | MP3、MPEG Audio、Dolby Digital、DTS 、WMA、PCM、LPCM、ADPCM、FLAC、WAV、AAC、RA、OGG、MKA |
| | Photo | HD JPEG、GIF、PNG、BMP、TIF、TIFF |
| | Subtitle | SRT、SMI、SUB、SSA、IDX+SUB |
| | HDD Device File Systems | EXT3、NTFS、FAT16/32、HFS+ |
| **Decoding** | Up to 1080p | |
| **Output** | Up to 1080p | |
| **Power Supply** | 100~240V ±10% input voltage/ 12V @ 1.0A | |

# Front View




| | | |
|---|---|---|
| ① | Power LED | The LED lights when the product is turned on. |
| ② | USB LED | The LED lights up when a USB device is connected. |

# Back View

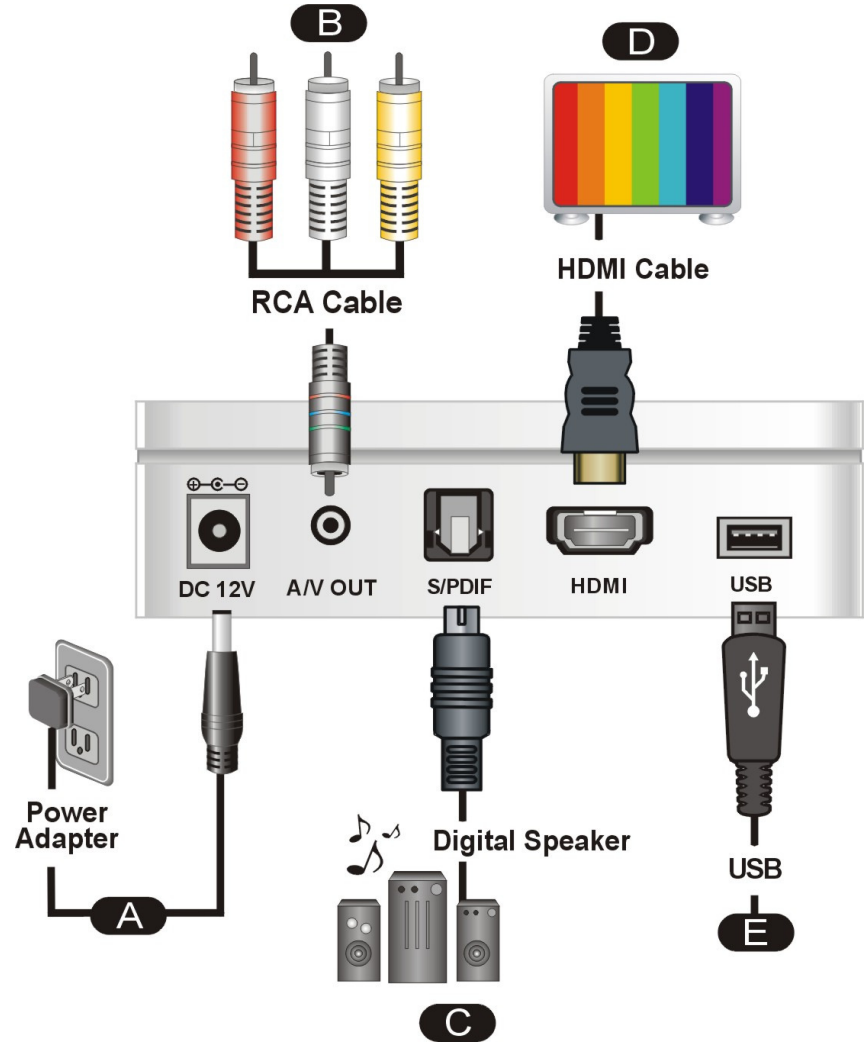



| | | |
|---|---|---|
| ❶ | Reset | Touch for power on / off. |
| ❷ | DC IN | Connects to the DC output of the power adapter. |
| ❸ | A/V OUT | Connects to the display with the VIDEO IN/ AUDIO L/R IN jacks on the display. |
| ❹ | S/PDIF | Connects to the digital speakers |
| ❺ | HDMI | Connects to the HDMI jack on the display; a single cable transmits both audio and video data. |
| ❻ | USB | Connects to the supported USB storage devices. |

# Remote Control

| | |
|---|---|
| **POWER** | Press to turn on the Product. |
| **INFO.** | Press to see detailed information of the video at playback |
| **GOTO** | Video/movie chapter and time point selection. |
| **ASPECT** | Adjust aspect ratio |
| **ZOOM** | Zoom video or image display on screen. |
| **HOME** | Hot key to the main OSD menu. |
| **BACK** | Return to the previous display. |
| ▲ ▼ ◀ ▶ | Navigate through menu screen or media libraries. |
| **OK** | Confirm or select. |
| **MUTE** | Press to mute the sound. |
| **OPTION** | Press to pop up the special function list on different mode. |
| ▶ II | Play/pause selected file. |
| ◀◀ ▶▶ | MULTI-FUNCTION: Refer to the instructions in the screen. |
| ⏮ ⏭ | Return to previous file. / Go to next file. |
| ■ | Stop playback and return to the previous screen. |
| **VOL + / -** | Increase/decrease the volume. |

# 2 Installation




A Plug the power adapter into the AC outlet, and then connect the adapter into DC IN port.

B For analog output, connect the AV output to the VIDEO/AUDIO L/R input jacks on your display.

C For multichannel digital audio, connect a digital audio cable to an external digital audio system.

D For combined digital video/audio output, connect an HDMI cable between the Product's HDMI output and HDMI input of your display.

E Plug in the supported USB storage device into the USB port.

# 3 Play Media

| Remote | Description |
|---|---|
| Direction Keys + OK | To access **File Management** on the main menu. |
| Direction Keys + OK | To select available media source. |
| ⮌ | Return to previous display. |
| OK | Full screen mode. |

Note: Press "OPTION", the option list will be shown on the screen.

1. Display mode: Thumbnails, List, Preview.
2. Sorting mode: Movies, Photos, Music,

## > USB Media

The Product searches and plays all available photos, music and video files on the external USB device.

Note: Depends on the specification of USB that each USB port provide 0.5A to USB device, please use with extra power-provided USB device if the USB device needs more electricity.

## > Playlist and Album Setting

You can save your favorite music to a playlist, or add photos to an album when you are viewing files on the USB device.

| Remote | Description |
|---|---|
| A + OK | Save to Playlist or Album |

# Video Playback

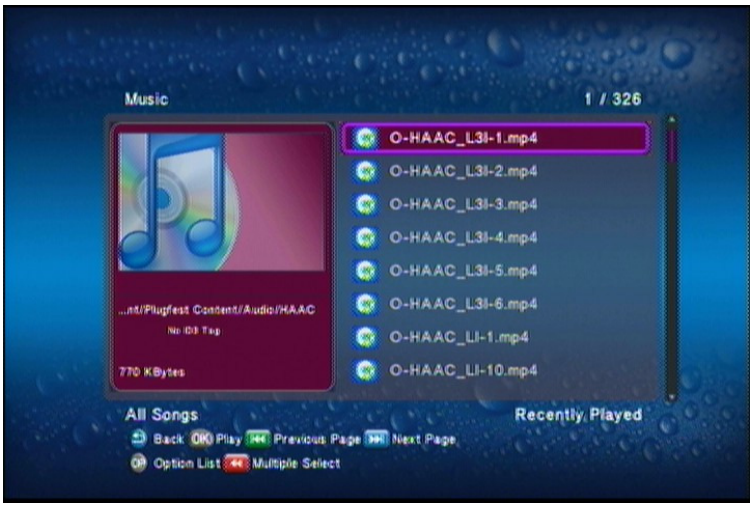
| Remote | Description |
|---|---|
| Direction Keys + OK | To access **Video** on the main menu. |
| Direction Keys + OK | Select the media file you want to play. |
| ⮌ | Go back to the previous page. |
| OK | Playback. |

Note: Press "OPTION" for available options to be displayed on the screen.

1. File display mode: Thumbnail、List、Preview, etc.
2. Classified and Sorting mode: All Videos, Show DVDs, Go To Folder, Name, Size, Most Viewed.

Note: Press "OPTION" during playback, and the option list pops up on screen. You can select Subtitle, change Audio, turn on the GOTO function, select DVD Menu (only available with ISO files), switch between different "Repeat modes", and adjust the Video Setting.

# Music Playback




| Remote | Description |
|---|---|
| Direction Keys + OK | To access **Music** on the main menu. |
| Direction Keys + OK | Select the media file you want to play. |
| ⮌ | Go back to the previous page. |
| OK | Playback. |
| ⏯ | Play/pause selected file. |
| ⏪ ⏩ | Rewind/Forward |
| ■ | Stop playback and return to the previous display |

Note: Press "OPTION" for available options to be displayed on the screen.

1. File display mode: Thumbnail、List、Preview, etc.
2. Classified and Sorting mode: All Songs, Albums, Artists, Genres, Years, Playlists, Name.

Note: Press "OPTION" during playback, and the option list pops up on screen. You can change between repeat modes, and turn on the shuffle loop.

Note: Music will continue playing as the background music when you leave MUSIC PLAYBACK menu. Press ■ to stop playing.

# Photo Playback

| Remote | Description |
|---|---|
| Direction Keys + OK | To access **Photo** on the main menu. |
| Direction Keys + OK | Select the media file you want to play. |
| ⮌ | Go back to the previous page. |
| OK | Playback. |

Note: Press "OPTION" for available options to be displayed on the screen.

1. File display mode: Thumbnail、List、Preview, etc.
2. Classified and Sorting mode: Photo Directory, Leaf Folder View, Date View, All Photos, Albums, Name.

## Full Screen Mode

| Remote | Description |
|---|---|
| ◄ ► | Previous picture. / Next picture. |
| ▲ | Rotate the viewing picture counterclockwise |
| ▼ | Rotate the viewing picture clockwise. |
| ■ | Leave full screen mode. |

Note: Press "OPTION" during the photo slideshow, and the option list pops up on screen. You can select Slide Timing and Transition, change Repeat mode, turn on Shuffle Loop, Select Music and adjust Video Setting.

# 4 Setup

| Remote | Description |
|---|---|
| Direction Keys + OK | To access **Setup** on the main menu. |
| Direction Keys + OK | Select the item for adjustment. |
| | Return to previous display. |

# System

| Remote | Description |
|---|---|
| | Enter "System" setup menu. |
| | Select the item for adjustment. |
| | Confirm the change. |
| | Return to previous display. |

| Item | Options |
|---|---|
| **Menu Language** | English/ Traditional Chinese/ Japanese/ Spanish/ French/ German/ Dutch/ Russian/ Simplified Chinese |
| **Subtitle Encoding** | Unicode(UTF8)/ Simplified Chinese(GBK)/ Traditional Chinese(BIG5)/ Western/ Turkish/ Central European/ Greek/ Cyrillic/ Hebrew/ SE European/ Japanese(S-JIS) |
| **R/RW Auto-Play** | Off/ On |
| **Screen Saver** | Timing: Off/ 2 Minutes/ 5 Minutes/ 10 Minutes<br>Options: Default/ Photo Album |
| **Scan Storage** | Auto Scan On/ Auto Scan Off/ Resume Scan |
| **Resume Play** | Off/ On |
| **Default Setting** | Yes/ No |

Note: Depending on the capacity of the USB storage and number of files on disk, the time it takes to scan the storage device varies.

Note: "Resume Play" only works when pressing ■ key to stop video playback.

# Audio

| Remote | Description |
|---|---|
| | Enter "Audio" setup menu. |
| | Select the item for adjustment. |
| | Confirm the change. |
| | Return to previous display. |

| Item | Options |
|---|---|
| **Night Mode** | Off/ On/ Comfort |
| **HDMI Output** | LPCM<br>LPCM Multi-Ch<br>RAW |
| **SPDIF Output** | LPCM<br>RAW |

Note: **LPCM / RAW Mode**

LPCM mode means decoding the audio then and down-mixing it to 2 CH output.

RAW mode means passing the audio data through to the amplifier for audio decoding.

LPCM mode: Choose it when the content supports LPCM Multichannel.

Note: "**AUDIO SETUP-"Night Mode**" (aka Dynamic Range Control)

When the Night Mode is enabled the sound level of compatible audio soundtracks will be dynamically compressed. Dynamic range control (DRC) increases low-level audio content (such as the dialog in the movies), making it easier to be heard at low volume levels while reducing the intensity of higher-level audio content at the same time.

"When you're listening to movie dialogue late at night and have to turn down the volume during loud scenes, the dynamic range suffers and you may miss some dialogue and other sounds. With the Night Mode on, you can reduce the volume but still enjoy proper tonal balance and dynamic range."

# Video

| Remote | Description |
|---|---|
| | Enter "Video" setup menu. |
| | Select the item for adjustment. |
| | Confirm the change. |
| | Return to previous display. |

| Item | Options |
|---|---|
| **Aspect Ratio** | Pan Scan 4:3<br>Letter Box 4:3<br>16:9<br>16:10 |
| **Resolution** | HDMI Auto/ NTSC/ PAL/ 480p/ 576p/<br>720p 50HZ/ 720p 60HZ/ 1080i 50HZ/<br>1080i 60HZ/ 1080p 50HZ/ 1080p 60HZ |
| **Video Reduce Size** | Off / On |
| **Digital Noise Reduction** | Off / Auto |
| **1080P 24Hz** | Off / On |
| **Deep Color** | Auto/ 12bit/ 10bit/ Off |

Note: When using the composite connection only (not HDMI), the only available resolution adjustments are "NTSC" or PAL"mode".

Note: When 1080P 24Hz is selected as the desired resolution, the product can output 24Hz video when the following conditions are met:

1. HDMI connected.
2. The TV supports 1080p 24Hz by EDID (Extended Display Identification)
3. The file is 23.976 or 24 fps.

Note: Turn "Video Reduce Size" mode "On" to reduce about 10% of image on screen (in case of overscan).

Note: Deep Color function increases the precision of brightness.

# Other

| Remote | Description |
|---|---|
| | Enter "Other" setup menu. |
| | Select the item for adjustment. |
| | Confirm the change. |
| | Return to previous display. |

| Item | Options |
|---|---|
| **System info** | Software version/ Custom ID/ Box ID/ Audio version/ Video version |
| **Software Update** | Yes/ Cancel (By USB updating) |

Note: The procedure of USB updating

1. Download software from official website to the root folder of the supported USB storage device.
2. Plug the USB device into the product.
3. Update software by following instructions shown on OSD.

Please do not turn off the product during the software update. The process may take up to 5 minutes.

# 5 Troubleshooting

The following reference list represents situations that you may encounter, and methods for remedy. Please refer to this checklist prior to contacting qualified service personnel.

| Symptom | Remedy |
|---|---|
| No picture is displayed. | ● Check the power cord connection. Or connect the power cord to another power outlet.<br>● Are the VIDEO/ AUDIO cables or HDMI Cable loose or disconnected? Make sure one of connections is correct.<br>● Try the "SOURCE" button on the remote control of the external display/ TV, to select the correct input source. |
| No USB device is searched. | ● Check USB device is already firmly connected.<br>● Check the format of your USB drive. |
| No audio. | ● Check whether the Product's and your TV's volume are properly set and not in "MUTE" mode.<br>● Check that the audio connectors are properly connected.<br>● Check if the format is supported.<br>● Check the digital audio output is set up on the correct mode. |
| No video. | ● Check that the Product's output and the TVs input are properly set.<br>● Check that the video connectors are properly connected<br>● Check if the format is supported. |

*User's Manual*